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| FORM PTO-1449 ATTACHMENT 1(e) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY DOCKET NO. 1086.1137 | APPLICATION NO. 09/778,088 |
| LIST OF REFERENCES CITED BY APPLICANT EXPLANATIONS OF RELEVANCY (Use several sheets if necessary) | | ATTORNEY DOCKET NO. 1086.1137 | APPLICATION NO. 09/778,088 |
| | | FIRST NAMED INVENTOR Nobutaka ISHIDERA | GROUP ART UNIT To be Assigned |
| | | FILING DATE February 7, 2001 | GROUP ART UNIT To be Assigned |
| U.S. PATENT DOCUMENTS | | | |

| *EXAMINER INITIAL | | DOCUMENT NO. | DATE | NAME | CLASS | SUB- CLASS | FILING DATE |
|----------------------|--|--------------|------------|----------|-------|---------------|----------------|
| AA | | 5,909,585 | 06/01/1999 | Shinmiya | | | |
| AB | | | | | | | |
| AC | | | | | | | |
| AD | | | | | | | |
| AE | | | | | | | |
| AF | | | | | | | |

FOREIGN PATENT DOCUMENTS

Technology Center 2100

| | | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION YES NO |
|------|----|-----------------|------------|---------|-------|---------------|-----------------------|
| C.C. | AG | 9-231194 | 09/05/1997 | Japan | | | X |
| C.C. | AH | 7-81186 | 03/28/1995 | Japan | | | X |
| C.C. | AI | 5-346922 | 12/27/1993 | Japan | | | X |
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| | AL | | | | | | |

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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| | AM | |
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| | AO | |

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| EXAMINER <i>Chi Man Chung</i> | DATE CONSIDERED <i>1/20/04</i> |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |

U.S. Patent 5,909,585 is the corresponding U.S. application to Japanese Patent 9-231194.



Sheet 1 of 1

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.

1086.1137

APPLICATION NO.

09/778,088

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

FIRST NAMED INVENTOR

Nobutaka ISHIDERA

FILING DATE

February 7, 2001

GROUP ART UNIT

TBA

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NO. | DATE | NAME | CLASS | SUB- CLASS | FILING DATE |
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| c.c. | AA | 5,996,083 | 11/99 | Gupta et al. | | | |
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FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION YES NO | |
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| c.c. | AH | DE 69328408T2 | | Germany | | | | xx |
| c.c. | AI | DE 69027510T2 | | Germany | | | | xx |
| c.c. | AJ | JP 0501991 | 01/29/93 | Japan | | | abs | |
| c.c. | AK | WO 93/20498 | 10/14/93 | PCT | | | xx | |
| | AL | | | | | | | |

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

TRANSLATION
YES NO

| | | | | |
|------|----|---|--|----|
| c.c. | AM | Official Action issued by German Patent Office for related application 10114894.1-53 | | xx |
|------|----|---|--|----|

EXAMINER

Chi Man Chung

DATE CONSIDERED

1/20/04

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